

IN THE ABSTRACT

Please delete the current Abstract in its entirety and substitute therefore the following New Abstract:

NEW ABSTRACT

A heating element and a method of manufacturing the heating element including an aluminum substrate, an electrically insulating layer based on a sol-gel precursor, and an electrically resistive layer with a thickness smaller than 2 μm . The features of this heating element solve the problem of the crack formation due to a mismatch of thermal expansion coefficient of the aluminum substrate and the resistive layer. Also an electrical domestic appliance including the heating element.